

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-11 (canceled)

12. **(New)** A piezoelectric actuator module, comprising
  - at least one piezoelectric component (6), one actuator foot (5), and one actuator head (7) which head cooperates with a component to be actuated by the piezoelectric component (6),
  - a bush (9) extending in the axial direction and surrounding the actuator module (2; 20; 30), and
  - a diaphragm (10; 21; 31; 41) extending essentially in the radial direction and adjoining the actuator foot (7),
    - the diaphragm (10; 21; 31; 41) being joined to the bush (9) and having a curved cross section in the radial direction.
13. **(New)** The piezoelectric actuator module of claim 12, wherein the diaphragm (10; 21; 31; 41) is welded to the actuator foot (7).
14. **(New)** The piezoelectric actuator module of claim 12, wherein the diaphragm (10; 21; 41) is welded to the bush (9).

15. **(New)** The piezoelectric actuator module of claim 13, wherein the diaphragm (10; 21; 41) is welded to the bush (9).

16. **(New)** The piezoelectric actuator module of claim 12, wherein the diaphragm (31) is manufactured integrally with the bush (9).

17. **(New)** The piezoelectric actuator module of claim 13, wherein the diaphragm (31) is manufactured integrally with the bush (9).

18. **(New)** The piezoelectric actuator module of claim 12, wherein the curved cross section of the diaphragm has different radii of curvature.

19. **(New)** The piezoelectric actuator module of claim 13, wherein the curved cross section of the diaphragm has different radii of curvature.

20. **(New)** The piezoelectric actuator module of claim 16, wherein the curved cross section of the diaphragm has different radii of curvature.

21. **(New)** The piezoelectric actuator module of claim 12, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70  $\mu\text{m}$  and 200  $\mu\text{m}$ .

22. **(New)** The piezoelectric actuator module of claim 13, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70  $\mu\text{m}$  and 200  $\mu\text{m}$ .

23. **(New)** The piezoelectric actuator module of claim 14, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 µm and 200 µm.

24. **(New)** The piezoelectric actuator module of claim 16, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 µm and 200 µm.

25. **(New)** The piezoelectric actuator module of claim 17, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 µm and 200 µm.

26. **(New)** The piezoelectric actuator module of claim 18, wherein the diaphragm (10; 21; 31; 41) has a thickness of between approximately 70 µm and 200 µm.

27. **(New)** The piezoelectric actuator module of claim 12, installed as a triggering unit of a fuel injection valve (1), in particular a common-rail injection valve, of a motor vehicle.

28. **(New)** A method for installing a piezoelectric actuator module, which includes at least one piezoelectric component (6), one actuator foot (5) and one actuator head (7), which head cooperates with a component to be actuated by the piezoelectric component (6), and the actuator module (2; 20; 30; 40) is surrounded by a bush (9) extending in the axial direction, the method comprising closing the bush on its face end, on the side toward the actuator head (7), by means of a diaphragm (10; 21; 31; 41), which extends essentially in the radial direction.

29. **(New)** The method of claim 28, further comprising welding the diaphragm (41) and the actuator head (7) together in load-free fashion.

30. **(New)** The method of claim 29, further comprising introducing the actuator head (7) welded to the diaphragm (41) into the bush (9), and subjecting the actuator foot to a preload in the direction of the piezoelectric component (6).

31. **(New)** The method of claim 30, further comprising welding the diaphragm (41) to the bush (9) with the actuator foot (7) preloaded.